

United States Army Training & Doctrine Command

Booth 1205



TRADOC
Training & Doctrine Command



**General William S.
Wallace
Commanding
General**

8 March 2007

Symposium Highlights

“At War & Transforming In An Era of Unpredictability”

8 March

- 0900 General Griffin, CG, AMC (“AMC Perspective”)
- 1015 AMC Panel: “Mitigating Risk and Preparing for the Future”
- 1330 The Honorable Francis J. Harvey, Secretary of the Army
- 1500 CAC Panel: “Training Innovations and Strategy”
- 1900 Dinner with Guest of Honor, GEN Brown, Commander, SOCOM

9 March

- 0900 ARCIC Panel: “Delivering Future Combat Systems”

Visit Our TRADOC Display! Booth 1205

TRADOC Perspectives as The Architect of The Army



TRADOC
Commander's Perspective



8 March 2007

Catalysts for Change

- The Complex Environment -



Globalization

“Impacting National Security, Challenges of Global Environment”

- Industrial to Information Age & Mature Globalization
- Security = Defense...and all else...



■ '60's - 100wpm SATCOM

■ '90's - 192k wpm
Networked Computers

■ 2010 - 1.5 Trillion wpm
Wideband Data links

Information Revolution

“Information Revolution...The Death of Time & Distance”

- Data Overloaded - Information Camouflaged

Complexity of the Adversary

“AQAM Extremist Ideology”



Force Changes / Technology

“Today's Reality”

- Trades in Technology and Force Structure (Budget)
- Implications on TTP and Doctrine

Architect of the Army

“Driving Change and Enabling Victory ... Today and Tomorrow”

Victory Starts Here! TRADOC is the Architect of the Army, and “thinks for the Army” to meet the demands of a Nation at war while simultaneously anticipating solutions to the challenges of tomorrow.

To shape both today’s Army and the Future Combat Force, the Army’s Architect:

- **Recruits and Trains Soldiers**
- **Develops Adaptive Leaders**
- **Designs the Army’s Modular Force**
- **Maximizes Institutional Learning and Adaptation**





Today's Recruiting Market



- About 73% of American youth are not eligible for Army service
- Propensity is the lowest it has been in over two decades
- Patriotism has steadily decreased since 2002
- College is overwhelmingly the preferred post-high school choice (for both prospects and influencers) . . . educational opportunity is a major incentive.
- Breaking through media “clutter” continues to be challenging
- Army is perceived as “ordinary” vs. other services
- GWOT continues to have a polarizing effect on the youth market

Recruiting and Retention



SNAP-SHOT (YTD)			
FY06 Close Out		FY07 Thru Feb	
Active	USAR	Active	USAR
100.8%	99.5%	107.8%	90.1%
(+635)	(-122)	(+2055)	(-804)



Challenges

- Expanding Army
- Improving economy
- All-Volunteer force at war (protracted campaign)
- Only 3 of 10 qualify

Urban Operations

- Imperative Soldiers learn to conduct operations in urban environments
- Urban operations conducted in BCT, OSUT and AIT
- ARNG lead for Warrior Training Course



Convoy Operations

- Convoy Live Fire Exercise (CLFX) is mandatory training at BCTs and OSUT
- Quartermaster, Ordnance, and Transportation Corps AITs conduct CLFX
- All other AITs will conduct convoy training

Combatives

- All Soldiers experience hands on combatives training in BCT/OSUT and AIT
- Provides the Soldier with a basis for properly executing hand-to-hand combat before arriving in first unit



AIT Advanced Rifle Marksmanship (ARM)

- Reflexive fire provides the skills required to conduct short-range marksmanship (four hours)
- Target grouping designed to give Soldiers confidence (six hours)
- Soldiers are exposed to a judgment exercise with the reflexive fire/shoot-don't shoot scenarios with EST 2000



Engagement Skills Trainer (EST) 2000

- Multipurpose trainer using modified individual and crew served weapons
- Used for marksmanship, collective battlefield scenarios, and shoot/don't-shoot judgmental use of force training
- Replicates M16, M9, M203, M240B MG, M249 MG, M2 MG



Weapons Immersion

- Designed to eliminate negligent discharges
- Builds Soldiers' confidence and competence with assigned weapon

New Learning Approaches

Vision: Based on current research in adult learning theory and instructional technology, create a new learning model that supports Soldiers and Leaders who are competent to perform within a dynamic operating environment

- Design a model that supports Army Force Generation
- Systematically determine when to use face-to-face instruction and when to use distributed learning (dL)
- Utilize adult learning principles that maximize adaptive thinking
- Design instruction using Guided Experiential Learning
- Use





TRADOC Reorganization

Centers not included
- Human Resources
- Jt Culinary Tng
- Jt Religious Tng & Ed

Today FY 07

Centers and Schools (13)

Field Artillery Center

Air Defense Artillery Center

Armor Center

Infantry Center

Maneuver Support Center

Ordnance Center

Soldier Spt Institute (AG & Finance)

Transportation Center

Quartermaster Center

Aviation Center

Intelligence Center

Signal Center

USA Training Center

Future FY 08-

Centers of Excellence (8)

Fires CoE

Maneuver CoE

Maneuver Support CoE

(Chemical / Engineer / Mil

Sustainment CoE

Aviation CoE

Intelligence CoE

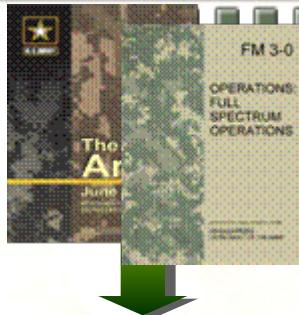
Signal CoE

Basic Combat Training CoE

Army Doctrine Hierarchy



Joint Doctrine
JP 0-2, JP 1, & JP 3-0



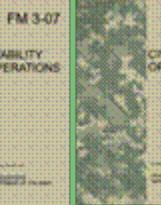
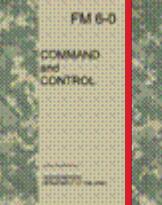
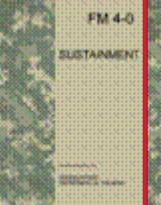
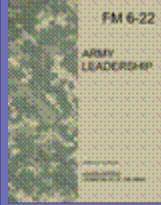
Army Capstone Doctrine
FM 1 The Army
FM 1-1 The Generating Force
FM 3-0 Operations: Full Spectrum Ops

JP 3-0 Joint Ops
JP 5-0 Joint Ops Planning



**FM 3-24 Counter
Insurgency Ops**
FM 7-0 Training the Force

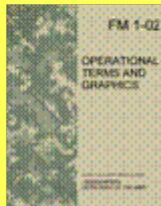
ELEMENTS OF COMBAT POWER



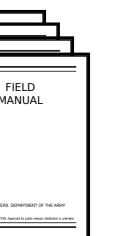
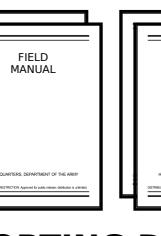
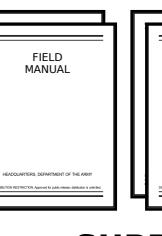
FULL SPECTRUM OPERATIONS



REFERENCE



WARFIGHTING FUNCTIONS



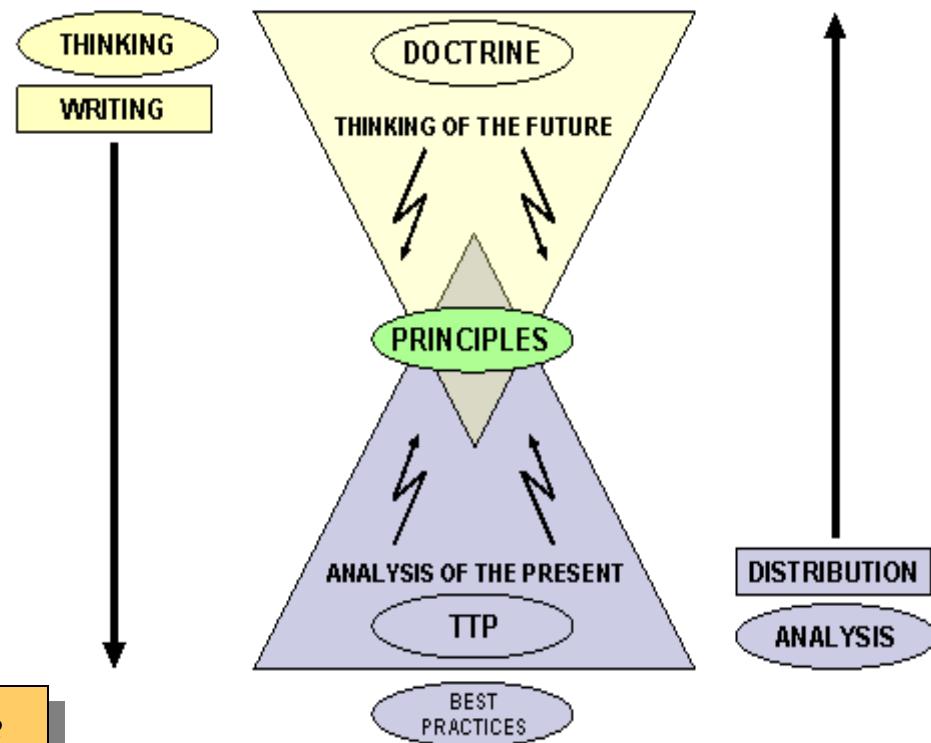
SUPPORTING DOCTRINE

Doctrinal Evolution: A New Paradigm

- **Developing a process to seamlessly link to the operating force providing Tactics, Techniques, and Procedures (TTP) and best practices.**
- **Shifting focus to enduring principles and techniques.**
- **Doctrine focus - overarching enduring principles, modular force operations and future combat force operations.**

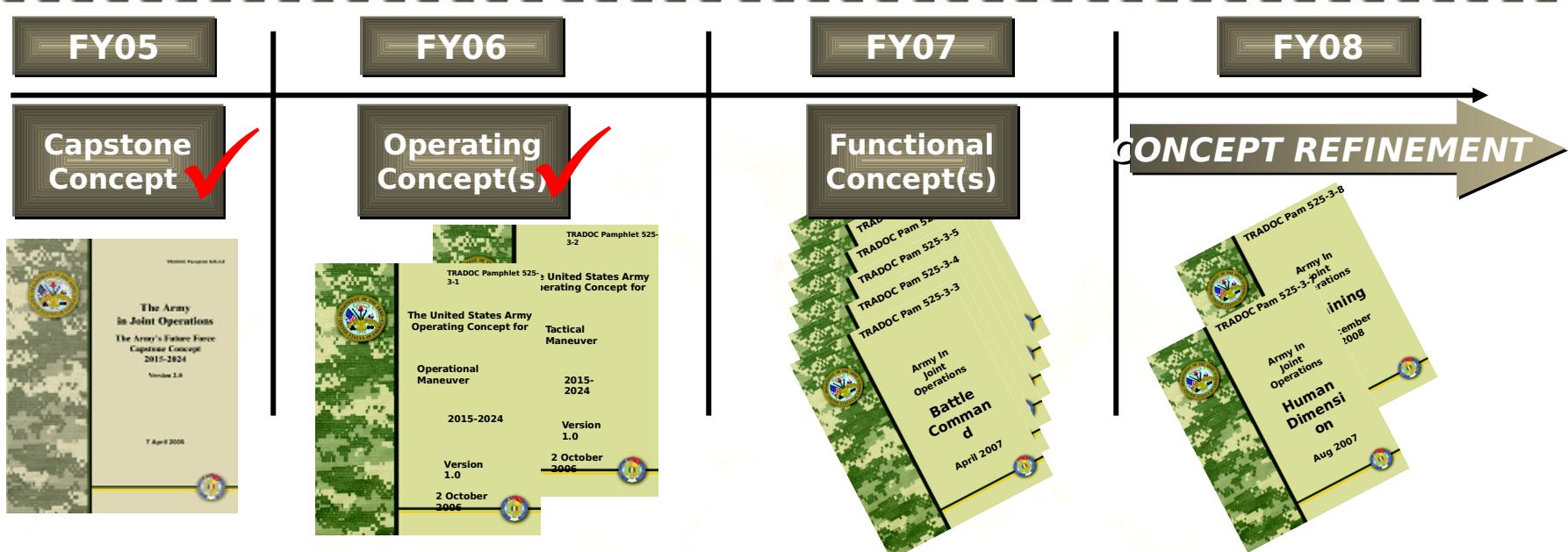
During war, the operating force drives change based on experience, events, and lessons learned in theater operations.

DOCTRINAL EVOLUTION: A NEW PARADIGM





Army Concept Strategy



- Army concepts - nested and support the Capstone Concept for Joint Operations (CCJO) and the family of Joint Operations Concepts (JOpsC)
- Capstone Concept is the conceptual base for subordinate concepts, CCPs and experimentation
- Operating, and Functional Concepts are further elaborations of Capstone Concept key ideas

Wargaming and Experimentation

Capability Based Assessment (CBA)

A comprehensive set of concepts for future capabilities development.

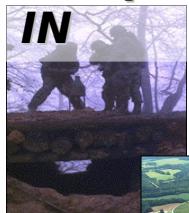
Collective Training



National Tng Ctr



Camp Atterbury, IN



Jt Forces Maneuver Tng Ctr



Muscatatuck Urban Tng Ctr

Fort McCoy, WI Total Force Tng Ctr



Jt Multi-Nat'l Readiness Ctr



Exportable Training Capability



BCTP Redesign



FCS Brigade Combat Teams: Full Spectrum Force

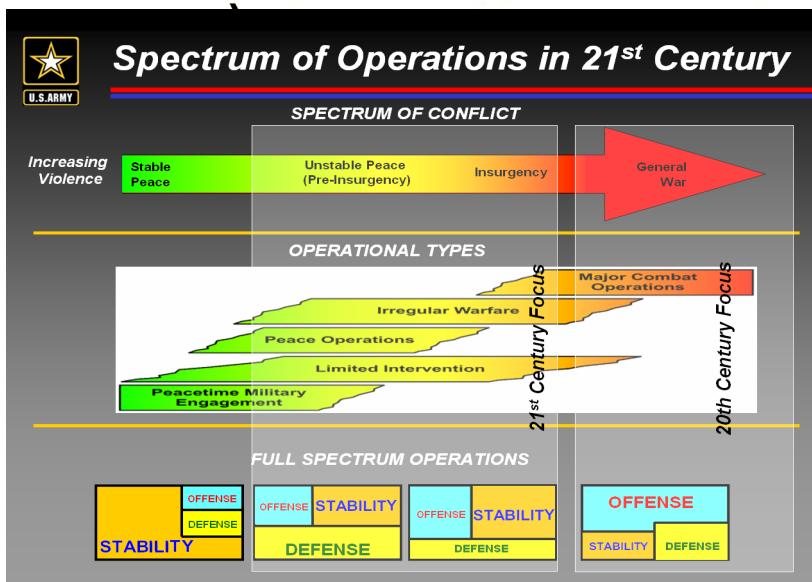


- Today's Fight (Irregular Warfare)...

- More survivable against low tech weapons
- Long term distributed operations with small footprint
- Monitor vast territory with aerial and ground sensors
- Smaller footprint (people, fuel, ammo etc.)
- Rapid and agile maneuver force (improve closure time)
- Unmanned air and ground sensors (can find and fix)



kill with distant



... and Tomorrow's Fight (???)

- Balanced mounted/dismounted capabilities
- Shared close in view of the battlefield (HUMINT essential)
 - “See first/kill first” - don't be seen, acquired, hit, penetrated or killed.
 - Virtual “touch” once dismounted

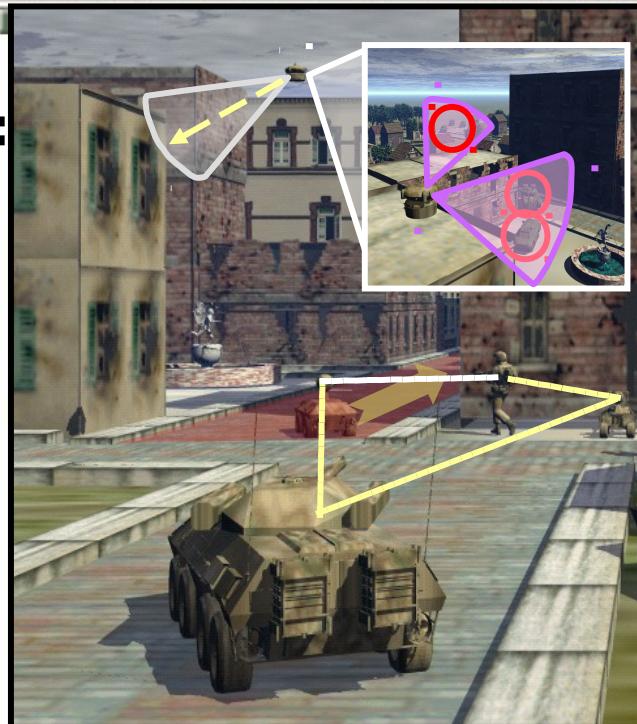
Situational awareness continuous in transition

Meeting the Challenges of Today and Tomorrow's Operational Environment



Compared to Today's Heavy Brigade:

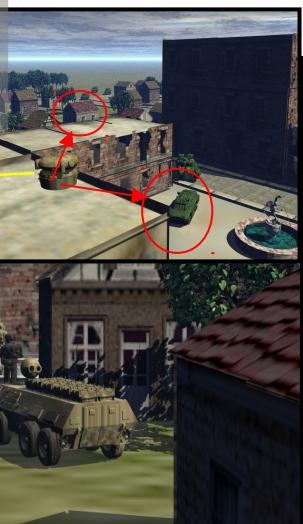
- **10X More Unmanned Assets**
- **6X More Sensors . . . All Networked**
- **2X More Infantry Soldiers**
- **3X More Reliable and Maintainable**
- **Next Generation Manned Ground Vehicles**
 - **Increased lethality and survivability**
 - **Chemical/Bio Hardened**
 - **360 degree Active Protection**



Lighter, Faster, and Increased Mobility

Forces

Enable Building Persistent Security from the Bottom Up

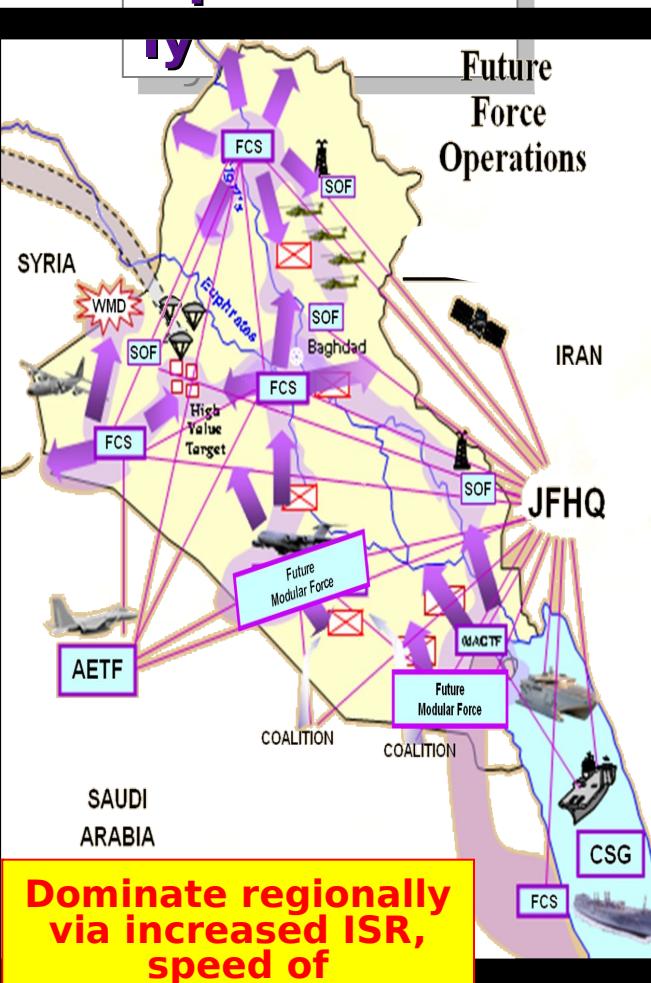
Tactical
ly

Dominate locally via
sensors & boots on the
ground



Coordinated Effort—Secu

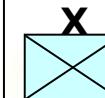
Operational



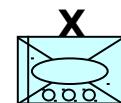
Role Defined

Strategically

Future
Modular
Force



Infantry Heavy

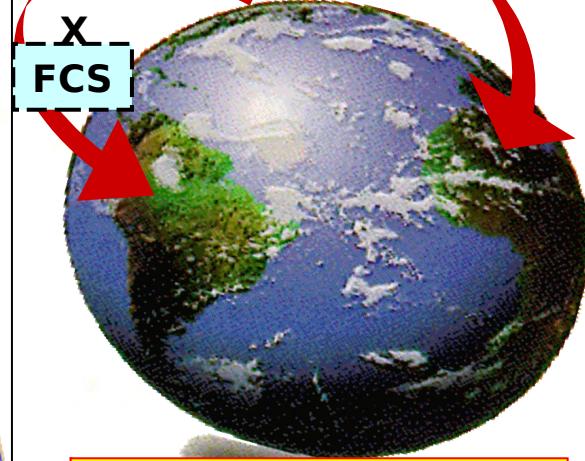


Stryker



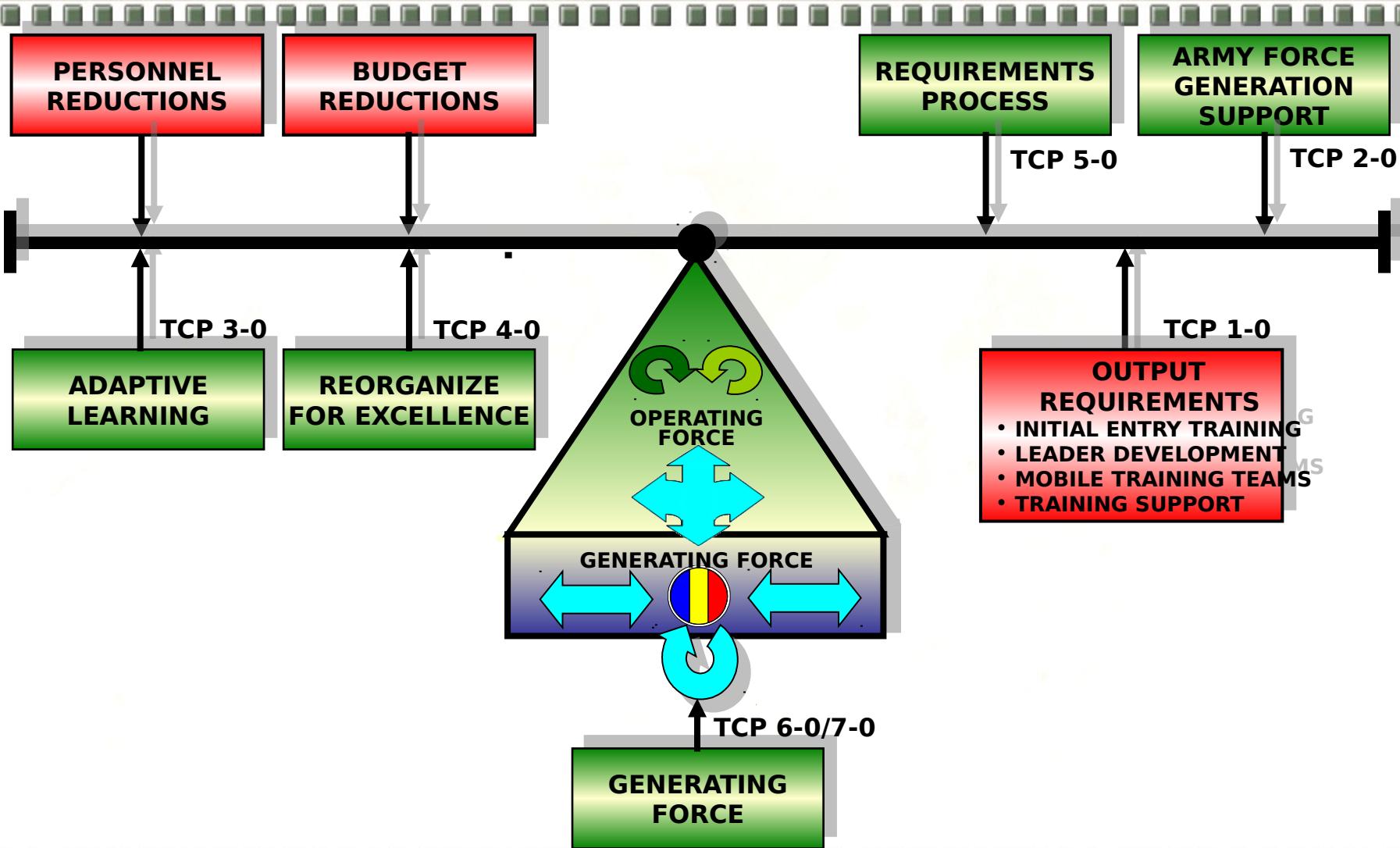
FCS

X
FCS



Dominate globally
via speed of
deployment, fight
upon arrival

Keeping TRADOC in Balance





Summary



- **The U.S. Army Training and Doctrine Command:**
 - Recruits and trains the right Soldier for a campaign quality force
 - Adapts training and education to the rapidly evolving and dynamic joint operating environment
 - Establishes better linkages to the Operating Forces while simultaneously receiving constant feedback on ways to adapt
 - Leads the Army in developing a flexible requirements process that recognizes opportunities and seizes initiative to accelerate solutions

- **TRADOC will preserve our focus on Soldiers - the centerpiece of our formations... our asymmetric advantage**



Question & Answer...

TRADOC's center of gravity is our ability to learn and adapt, as the "Architect of the Army," to support the Army's operating forces.

